

**ABSTRACT**

A rotational speed controller for mixing equipment of a soil modifying machine, by which optional quality of modified soil can be obtained, is provided. To this end, the rotational speed controller includes a mixer (127, 147) rotating to mix soil to be modified, drive means (127b, 147b) for rotationally driving the mixer, speed control means (127p, 147p) for controlling rotational speed of the drive means based on an inputted rotational speed command value (S127, S147), working mode setting means (8) for outputting a working mode signal (H, M, L, S) for setting a kind of soil to be modified, and a controller (106) for outputting the rotational speed command value corresponding to the working mode signal to the speed control means.